

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	homogenizer same (reaction adj chamber) same (detector)	US-PGPUB; USPAT	OR	OFF	2010/01/08 22:25
S2	92	homogenizer and (reaction adj chamber) and (detector)	US-PGPUB; USPAT	OR	OFF	2010/01/08 22:25
S3	4	(homogenizer same (reaction adj chamber)) and (detector)	US-PGPUB; USPAT	OR	OFF	2010/01/08 22:26
S4	43	S2 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2010/01/08 23:30
S5	1	("20020197631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/05 18:28
S6	1566	((rotate or rotating or rotated or rotatable) with (container or chamber or module or vessel)) and (reaction or assay) and (homogenizer or homogenizing or homogenized)	US-PGPUB; USPAT	OR	ON	2010/07/05 18:32
S7	432	S6 and ((multiple or plurality) with (container or chamber or module or vessel))	US-PGPUB; USPAT	OR	ON	2010/07/05 18:33
S8	211	S7 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/05 18:33
S9	48	S8 and (hopper or funnel)	US-PGPUB; USPAT	OR	ON	2010/07/05 18:35
S10	163	S8 not S9	US-PGPUB; USPAT	OR	ON	2010/07/05 18:59
S11	73	S10 and (detect or detecting or detector or sensor or ccd)	US-PGPUB; USPAT	OR	ON	2010/07/05 18:59
S12	1566	((rotate or rotating or rotated or rotatable) with (container or chamber or module or vessel)) and (reaction or assay) and (homogenizer or homogenizing or homogenized)	US-PGPUB; USPAT	OR	ON	2010/07/05 22:27
S13	849	S12 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/05 22:27
S14	307	S13 and (detect or detecting or detector or sensor or ccd)	US-PGPUB; USPAT	OR	ON	2010/07/05 22:27
S15	432	S12 and ((multiple or plurality) with	US-	OR	ON	2010/07/05

		(container or chamber or module or vessel))	US-PGPUB; USPAT			22:27
S16	211	S15 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/05 22:27
S17	215	S14 not S16	US-PGPUB; USPAT	OR	ON	2010/07/05 22:27
S18	1	("6994827").PN.	USPAT; USOCR	OR	OFF	2010/07/05 23:48
S19	32310	((rotate or rotating or rotated or rotatable) with (container or chamber or module or vessel)) and (reaction or assay)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:03
S20	13397	S19 and (detect or detecting or detector or sensor or ccd)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:04
S21	6953	S19 and ((detector or detect or detecting or analyze or analyzing or sensor or sensing) with (container or chamber or module or vessel)) and (reaction or assay)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S22	4448	S21 and ((multiple or plurality) with (container or chamber or module or vessel))	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S23	1567	((rotate or rotating or rotated or rotatable) with (container or chamber or module or vessel)) and (reaction or assay) and (homogenizer or homogenizing or homogenized)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S24	432	S23 and ((multiple or plurality) with (container or chamber or module or vessel))	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S25	211	S24 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S26	4392	S22 not S25	US-PGPUB; USPAT	OR	ON	2010/07/06 08:05
S27	1567	((rotate or rotating or rotated or rotatable) with (container or chamber or module or vessel)) and (reaction or assay) and (homogenizer or homogenizing or homogenized)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S28	850	S27 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S29	307	S28 and (detect or detecting or detector or sensor or ccd)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S30	432	S27 and ((multiple or plurality) with (container or chamber or module or vessel))	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S31	211	S30 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S32	215	S29 not S31	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06

S33	4392	S26 not S32	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S34	2337	S33 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S35	1295	S34 and (stir or stirring or mix or mixing)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:06
S36	457	S35 and (cap or capped or septum)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:07
S37	74	S35 and ((cap or capped or close or closed or closing) with piston)	US-PGPUB; USPAT	OR	ON	2010/07/06 08:08
S38	1	("6905816").PN.	USPAT; USOCR	OR	OFF	2010/07/06 09:29
S39	0	(microfluidic same ((cod adj camera) with filter)) and evanescent	US-PGPUB; USPAT	OR	OFF	2010/07/06 10:17
S40	88	(microfluidic and ((cod adj camera) same filter)) and evanescent	US-PGPUB; USPAT	OR	OFF	2010/07/06 10:17
S41	17	(microfluidic same((cod adj camera) same filter)) and evanescent	US-PGPUB; USPAT	OR	OFF	2010/07/06 10:18
S42	35	S40 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2010/07/06 10:20
S43	41632	"containers" and (homogenizer or homogenizing or homogenize or homogenized or homogenizes)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:00
S44	4832	"containers" same (homogenizer or homogenizing or homogenize or homogenized or homogenizes)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:00
S45	1848	"containers" with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:00
S46	1130	S45 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2011/04/23 20:01
S47	1	("containers" with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)) same (multiwell or multi-well or microtiter or microtitre)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:01
S48	0	("chamber or vessel" with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)) same (multiwell or multi-well or microtiter or microtitre)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:24
S49	0	("chamber or vessel or container" with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)) same (multiwell or multi-well or microtiter or microtitre)	US-PGPUB; USPAT	OR	ON	2011/04/23 20:25
S50	11	((chamber or vessel or container) with (homogenizer or homogenizing or	US-PGPUB;	OR	ON	2011/04/23 20:25

		homogenize or homogenized or homogenizes)) same (multiwell or multi-well or microtiter or microtitre)	USPAT			
S51	51	((chamber or vessel or container) with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)) and ((chamber or vessel or container) with (multiwell or multi-well or microtiter or microtitre))	US-PGPUB; USPAT	OR	ON	2011/04/23 20:35
S52	50	S51 not S50	US-PGPUB; USPAT	OR	ON	2011/04/23 20:36
S53	9	S52 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2011/04/23 20:36
S54	2658	(422/63-65).CCLS.	USPAT; USOCR	OR	OFF	2011/04/23 20:56
S55	266	(422/509).CCLS.	USPAT; USOCR	OR	OFF	2011/04/23 20:56
S56	1276	(422/559-562).CCLS.	USPAT; USOCR	OR	OFF	2011/04/23 20:56
S57	0	("I12andI13andI14").PN.	USPAT; USOCR	OR	OFF	2011/04/23 20:57
S58	3563	S54 or S55 or S56	USPAT	OR	OFF	2011/04/23 20:57
S59	43	S58 and (homogenize or homogenizer or homogenizing or homogenizes)	USPAT	OR	OFF	2011/04/23 20:57
S60	35	S59 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2011/04/23 20:58
S61	95	((chamber or vessel or container) with (homogenizer or homogenizing or homogenize or homogenized or homogenizes)) and ((chamber or vessel or container) same (multiwell or multi-well or microtiter or microtitre))	US-PGPUB; USPAT	OR	ON	2011/04/23 21:52
S62	45	S61 not S52	US-PGPUB; USPAT	OR	ON	2011/04/23 21:52
S63	20	S62 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2011/04/23 21:53
S64	265	S58 and ((mixer or stirrer or agitator or piezoelectric or ultrasound) same (sample))	US-PGPUB; USPAT	OR	ON	2011/04/23 22:04
S65	235	S64 not @ay> "2003"	US-PGPUB; USPAT	OR	ON	2011/04/23 22:04
S66	226	S65 and ("containers" or "vessels" or "chambers")	US-PGPUB; USPAT	OR	ON	2011/04/23 22:04
S67	222	S66 and (detector or detection or detected or analyzed or sensor or analysis or measure)	US-PGPUB; USPAT	OR	ON	2011/04/23 22:05
S68	1	("5925522").PN.	USPAT; USOCR	OR	OFF	2011/04/24 00:12
S69	1	("20030040976").PN.	US-	OR	OFF	2011/04/24

			PGPUB; USPAT; USOCR			00:13
S71	890	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre)	US- PGPUB; USPAT	OR	ON	2011/09/29 00:03
S72	863	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and (assay or immunoassay or reactor)	US- PGPUB; USPAT	OR	ON	2011/09/29 00:04
S73	678	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and (assay or immunoassay or reactor) and (detector or detecting or sensor or detect or detecting)	US- PGPUB; USPAT	OR	ON	2011/09/29 00:05
S74	492	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting))	US- PGPUB; USPAT	OR	ON	2011/09/29 00:05
S75	55	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) same (system or unit or module)	US- PGPUB; USPAT	OR	ON	2011/09/29 00:05
S76	55	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) same (system or unit or module)))	US- PGPUB; USPAT	OR	ON	2011/09/29 00:05
S77	55	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) same (system or unit or module))	US- PGPUB; USPAT	OR	ON	2011/09/29 00:05
S78	34	S77 not @ay> "2003"	US- PGPUB; USPAT	OR	OFF	2011/09/29 00:05
S79	139	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (multiwell or multi-well or microtiter or microtitre) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) and (hopper or funnel or nozzle)	US- PGPUB; USPAT	OR	ON	2011/09/29 00:12
S80	18	S79 not @ay> "2003"	US- PGPUB; USPAT	OR	OFF	2011/09/29 00:12
S81	1520	(homogenizer or homogenizing or homogenize or homogenized or	US- PGPUB;	OR	ON	2011/09/29 00:26

		homogenizes) same (source or vessel or reservoir) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting))	USPAT			
S82	147	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (source or vessel or reservoir) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) and (hopper or funnel or nozzle)	US-PGPUB; USPAT	OR	ON	2011/09/29 00:26
S83	65	S82 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:26
S84	62	S83 not S80	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:26
S85	62	S84 not S77	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:26
S86	1520	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (source or vessel or reservoir) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting))	US-PGPUB; USPAT	OR	ON	2011/09/29 00:31
S87	775	S86 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:32
S88	713	S87 not S85	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:32
S89	463	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same (source or vessel or reservoir) and ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) same (apparatus or system or bioreactor)	US-PGPUB; USPAT	OR	ON	2011/09/29 00:32
S90	134	(homogenizer or homogenizing or homogenize or homogenized or homogenizes) same ((assay or immunoassay or reactor) same (detector or detecting or sensor or detect or detecting)) same (apparatus or system or bioreactor)	US-PGPUB; USPAT	OR	ON	2011/09/29 00:32
S91	17	S89 and S90	US-PGPUB; USPAT	OR	ON	2011/09/29 00:33
S92	117	S90 not S91	US-PGPUB; USPAT	OR	ON	2011/09/29 00:34
S93	50	S92 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:34
S94	206	S89 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:37
S95	206	S94 not S93	US-PGPUB;	OR	OFF	2011/09/29 00:37

			USPAT			
S96	196	S95 not S91	US-PGPUB; USPAT	OR	OFF	2011/09/29 00:37
S98	2089	homogenizer with (unit or vessel or reservoir or chamber)	US-PGPUB; USPAT	OR	OFF	2011/10/01 17:02
S99	285	((homogenizer or homogenize or homogenizing) with (unit or vessel or reservoir or chamber)) same (reaction with (unit or vessel or reservoir or chamber))	US-PGPUB; USPAT	OR	OFF	2011/10/01 17:04
S100	166	S99 not @ay> "2003"	US-PGPUB; USPAT	OR	OFF	2011/10/01 17:04

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(422/50).CQLS	UPAD	OR	OFF	2011/10/01 18:59
S70	1	(422/50).CQLS	UPAD	OR	OFF	2011/04/24 00:19
S97	0	(422/50).CQLS	UPAD	OR	OFF	2011/09/29 00:55

**10/ 1/ 2011 7:00:10 PM****C:\Users\alam\Documents\EAST\Workspaces\10558936.wsp**